

Amendments to the Drawings:

FIG. 2 (Sheet 2) was re-drawn to add the structural detail that the Examiner stated was missing. Applicants are hereby submitting a “Replacement Sheet” for FIG. 2 (Sheet 2). Lines indicating the communicative coupling between the elements of the printer 106 have been added.

REMARKS

Reexamination and reconsideration of this application as amended is requested. By this amendment, claims 1 and 6 are amended. Claims 2-5 are canceled. New claim 7 is added. After this amendment, claims 1, 6 and 7 remain pending in the application.

(1-2) In response to the Examiner's objection to the drawings, FIG. 2 (Sheet 2) was redrawn to add the structural detail that the Examiner stated was missing. Applicants are hereby submitting a "Replacement Sheet" for FIG. 2 (Sheet 2). Lines indicating the communicative coupling between the elements of the printer 106 have been added.

Therefore, applicants request that the Examiner's objection to the drawings be withdrawn.

Claims Rejection under 35 U.S.C. §112

(3-6) Reconsideration of the rejection of claims 1 and 6 under 35 U.S.C. §112, first paragraph, as failing to comply with the enabling requirement, and under 35 U.S.C. §112, second paragraph, for failing to particularly point out and distinctly claim the subject matter that the applicant regards as the invention, is respectfully requested. By this amendment, the aspects of claims 1 and 6 that were pointed out by the Examiner have been addressed. Applicants request that the Examiner withdraw the rejection of claims 1 and 6 under 35 U.S.C. §112.

Claims Rejection under 35 U.S.C. §102

(7-8) Reconsideration of the rejection of claims 1-6, rejected under 35 U.S.C. §102(b) as being anticipated by Hanabusa et al., (U.S. Pat. No. 6,824,239), hereinafter "Hanabusa", is respectfully requested for the following reasons. Claims 2-5 have been

canceled. Amended claim 1 has been amended to specifically recite use of shorter duration signals to effectively increase the bandwidth of the printer ASIC. Amended claim 6 has been amended to specifically recite BD signals and pseudo BD signals. (New claim 7 specifically recites BD signals and pseudo BD signals, to effectively increase the bandwidth of the printer ASIC.) Hanabusa does disclose, teach or suggest the use of a pseudo BD signal to effectively increase the bandwidth of a printer ASIC.

Accordingly, in view of the amendments to claims 1 and 6 and the remarks above, applicants believe that the rejection of claims 1 and 6 under 35 U.S.C. §102(b) has been overcome. Applicants request that the Examiner withdraw the rejection of claims 1 and 6.

(9) The prior art made of record and not relied upon was reviewed and was not considered pertinent to applicants' disclosure.

Conclusion

The foregoing is submitted as a full and complete response to the Office Action mailed August 9, 2005, and it is suggested that claims 1, 6 and 7 are in condition for allowance. Reconsideration of the rejection is requested. Allowance of claims 1, 6 and 7 is earnestly solicited.

No amendment made was related to the statutory requirements of patentability unless expressly stated herein. No amendment made was for the purpose of narrowing the scope of any claim, unless Applicants have argued herein that such amendment was made to distinguish over a particular reference or combination of references.

Applicants acknowledge the continuing duty of candor and good faith to disclose information known to be material to the examination of this application. In accordance with 37 CFR §1.56, all such information is dutifully made of record. The foreseeable equivalents of any territory surrendered by amendment are limited to the territory taught by the information of record. No other territory afforded by the doctrine of equivalents is

knowingly surrendered and everything else is unforeseeable at the time of this amendment by the Applicants and their attorneys.

The present application, after entry of this amendment, comprises three (3) claims, including three (3) independent claims. Applicants have previously paid for six (6) claims including four (4) independent claims. Applicants, therefore, believe that an additional fee for claims amendment is currently not due.

If the Examiner believes that there are any informalities that can be corrected by Examiner's amendment, or that in any way it would help expedite the prosecution of the patent application, a telephone call to the undersigned at (561) 989-9811 is respectfully solicited.

The Commissioner is hereby authorized to charge any fees that may be required or credit any overpayment to Deposit Account 50-1556.

In view of the preceding discussion, it is submitted that the claims are in condition for allowance. Reconsideration and re-examination is requested.

Respectfully submitted,

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By:



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